

Atty. Docket No.: P65141US0
Serial No.: 09/508,095

R₁-GRRRRSVQWCAVSQPEATKCFQWQRNMRKVRGPPVSCIKRDSPICQCIQA-R,
R₁-VYQHQKAMPKPWIQPPTKVIPIYVRYL-R₂, R₁-ARRARVVWAAVG-R₂,
R₁-CAVGGGCIAL-R₂,
R₁-RHTRKYWCROGARGGCITL-R₂,

C1
wherein

R₁, R₃ independently represents NH₂, an amino acid, or a peptide containing up to 100 amino acids, and

R₂, R₄ independently represents COOH, CONH₂, an amino acid, or a peptide containing up to 100 amino acids;

and the amided acetylated, sulfated, phosphorylated, glycosylated, oxidized derivatives or fragments thereof having bifidogenic properties. --

IN THE CLAIMS

C2
Cancel claims 1, 4, and 5, without prejudice or disclaimer, and add the following claims.

6. Peptides obtainable by:

- adding proteases to cow's milk or human milk, followed by incubation for two hours;
- centrifugation to remove milk fat;
- acidification to a pH of 2.0 with strong acids;
- removing the precipitated proteins;
- application of at least one reverse phase HPLC step;